Digi-Pas®

Innovation & Technology Driven™

PC SYNC PROFESSIONAL SOFTWARE

USER MANUAL

Model: DWL2000XY

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E-mail: sales@trick-tools.com

REVISION 2.00

Note: Contents in this instruction manual is continuously updated, please check Digi-Pas website for latest version.

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The PC Sync software uses the National Instruments™ Measurement Studio* for certain user interface tools and measurement applications.

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CHAPTER 1: GENERAL OVERVIEW

Interface Overview

Communication Status	To show the communication status between PC, device and DigiPas® Security Dongle.
Communication LED	To indicate the device is connected to the software
Function Toolbar	Contains buttons with different functions.
Screen Display	To display the graphic user interface.

Software Features

	Single Angle Meter This feature allows user to view single-axis angle/levelling measurement in numerical and graphical display i.e. degree, mm/M & In/Ft units concurrently on PC monitor via USB or wireless Bluetooth connectivity.
	Dual Angle Meter This feature allows user to view dual-axis angle/levelling measurement simultaneously in numerical and graphical in degree, mm/M & In/Ft units concurrently on PC monitor via USB or wireless Bluetooth connectivity.
	Dual Axis Blue's Eye This feature allows user to view and record dual-axis angle/levelling measurement simultaneously in graphical "Bull's eye", line graphs, Numeric format on degree, mm/M & In/Ft units. User may define several parameters for data capturing. The numerical data can be saved in Excel format for further analysis.

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	Single Angle Graph This feature allows user to view, track and record real-time single-axis angle/levelling measurement readings in numerical and graphical forms (i.e. degree, mm/M & In/Ft). User may define parameters for numerical data capturing.
	Commission Report Numerical and graphical data can be collected and stored in PC in the form of Commissioning Report files especially useful for accountability purpose and references as historical records for each machine/equipment installation, setup and preventive maintenance requirements. Multiple machines characteristics for levelling and vibration conditions can be stored and used for comparison in next planned preventive maintenance activity.
	DigiPas Website Direct user to DigiPas® Website for further detailed information.
	Help To open the Instruction Manual for the device and its Instruction manual.
	About This feature allows user to check the current PC Sync version and the firmware version of the device in sync.

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CHAPTER 2: SYSTEM REQUIREMENTS

Recommended System Configuration:

* At least 1 GB of RAM
* At least 50MB of free disk space available in your hard disk
* DVD-ROM
* USB Ports

Note: Software performance may vary depends on PC system configuration.

Recommended Operating System:

* Windows XP with Service Pack 3
* Windows Vista
* Windows 7

Digi-Pas® PC Sync software can be configured in 32bit or 64 bit Mircosoft Windows Operating Systems.

Required Third-Party Software:

* Microsoft .Net Framework 3.5 for 32bit Windows Operating System
* Microsoft .Net Framework 4.0 for 64bit Windows Operating System
* Microsoft Excel 2007 or above
* Acrobat Reader

Note:

Certain function of the software requires internet connection to operate.

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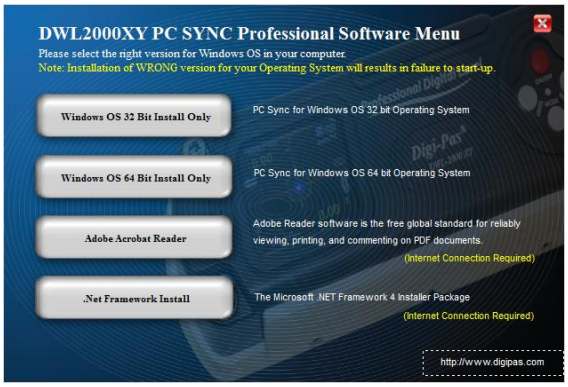
CHAPTER 3: GETTING STARTED

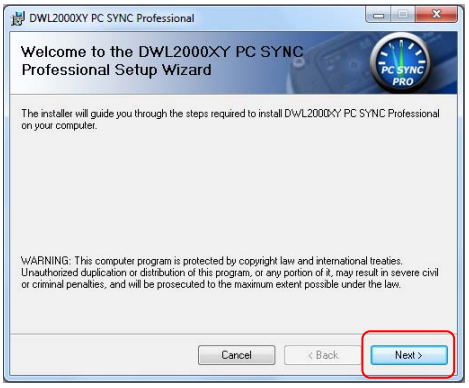
Installation of DWL2000XY PC Sync

1. Insert DWL2000XY PC Sync DVD into your DVD drive. The following screen pops up automatically. Select the Adobe Acrobat Reader or .Net Framework button when your computer does not have the software. It needs internet connection to complete the installation. Next, click the PC Sync installation button according to your Window Operating System (32bit or 64 bit).


DWL2000XY PC SYNC Professional Software Menu
Please select the right version for Windows OS in your computer.
Note: Installation of WRONG version for your Operating System will results in failure to start-up.
Windows OS 32 Bit Install Only
PC Sync for Windows OS 32 bit Operating System
Windows OS 64 Bit Install Only
PC Sync for Windows OS 64 bit Operating System
Adobe Acrobat Reader
Adobe Reader software is the free global standard for reliably viewing, printing, and commenting on PDF documents.
(Internet Connection Required)
.Net Framework Install
The Microsoft .NET Framework 4 Installer Package
(Internet Connection Required)
http://www.digipas.com

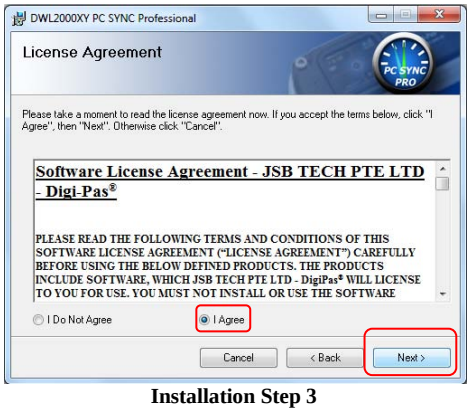
Installation Step 1

2. Welcome screen appears. Click "Next" to proceed the installation.


DWL2000XY PC SYNC Professional
Welcome to the DWL2000XY PC SYNC Professional Setup Wizard
The installer will guide you through the steps required to install DWL2000XY PC SYNC Professional on your computer.
WARNING: This computer program is protected by copyright law and international treaties. Unauthorized duplication or distribution of this program, or any portion of it, may result in severe civil or criminal penalties, and will be prosecuted to the maximum extent possible under the law.
Cancel
< Back
Next >

Installation Step 2

3. License Agreement screen appears. Click "I Agree" after reading through and accepting the agreement and then click "Next" to proceed the installation.


DWL2000XY PC SYNC Professional
License Agreement
Please take a moment to read the license agreement now. If you accept the terms below, click "I Agree", then "Next". Otherwise click "Cancel".
Software License Agreement - JSB TECH PTE LTD - Digi-Pas®
PLEASE READ THE FOLLOWING TERMS AND CONDITIONS OF THIS SOFTWARE LICENSE AGREEMENT ("LICENSE AGREEMENT") CAREFULLY BEFORE USING THE BELOW DEFINED PRODUCTS. THE PRODUCTS INCLUDE SOFTWARE, WHICH JSB TECH PTE LTD - DigiPas® WILL LICENSE TO YOU FOR USE. YOU MUST NOT INSTALL OR USE THE SOFTWARE
I Do Not Agree
I Agree
Cancel
< Back
Next >

Installation Step 3

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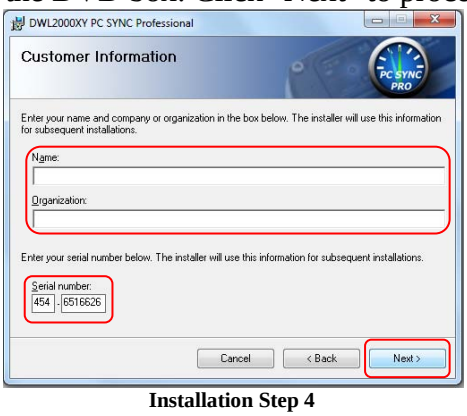
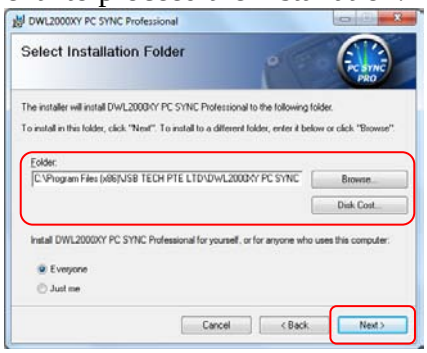
4. Customer Information screen appears. Enter your Name and Organization. Key in Device's **Serial Number** attached in the DVD box. Click "Next" to proceed the installation.


DWL2000XY PC SYNC Professional
Customer Information
Enter your name and company or organization in the box below. The installer will use this information for subsequent installations.
Name:
Organization:
Enter your serial number below. The installer will use this information for subsequent installations.
Serial number:
454 - 6516626
Cancel
< Back
Next >

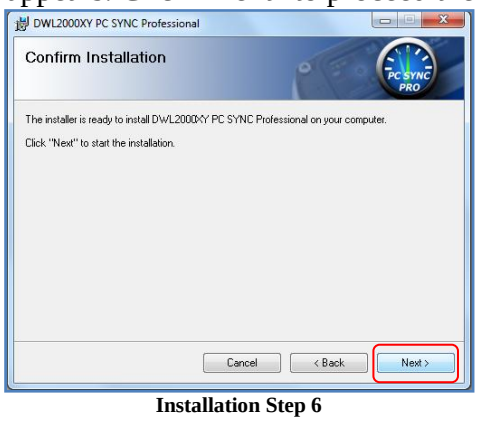
Installation Step 4

5. Installation folder screen appears. Use the installation folder as default unless you want to change the location. Click "Next" to proceed the installation.


DWL2000XY PC SYNC Professional
Select Installation Folder
The installer will install DWL2000XY PC SYNC Professional to the following folder.
To install in this folder, click "Next". To install to a different folder, enter it below or click "Browse".
Folder:
C:\Program Files (x86)\JSB TECH PTE LTD\DWL2000XY PC SYNC
Browse...
Disk Cost...
Install DWL2000XY PC SYNC Professional for yourself, or for anyone who uses this computer:
Everyone
Just me
Cancel
< Back
Next >

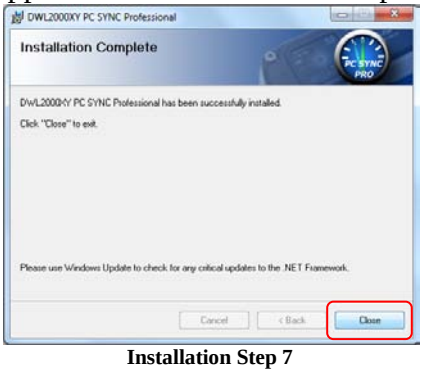
Installation Step 5

6. Confirm Installation screen appears. Click "Next" to proceed the installation.


DWL2000XY PC SYNC Professional
Confirm Installation
The installer is ready to install DWL2000XY PC SYNC Professional on your computer.
Click "Next" to start the installation.
Cancel
< Back
Next >

Installation Step 6

7. Installation Complete screen appears. Click "Close" to complete the installation.


DWL2000XY PC SYNC Professional
Installation Complete
DWL2000XY PC SYNC Professional has been successfully installed.
Click "Close" to exit.
Please use Windows Update to check for any critical updates to the .NET Framework.
Cancel
< Back
Close

Installation Step 7

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Synchronization by Using USB Connectivity

1. Double click the PC Sync icon on the desktop.
2. Connect DWL2000XY device with your computer via USB cable and insert the DigiPas® Security Dongle to the computer.
3. All function toolbar buttons are then turned on and the status bar shows "Device Connected and DigiPas® Security Dongle is found". The DWL2000XY PC Sync is ready for use.

Interface of DWL2000XY PC Sync when it is ready to use

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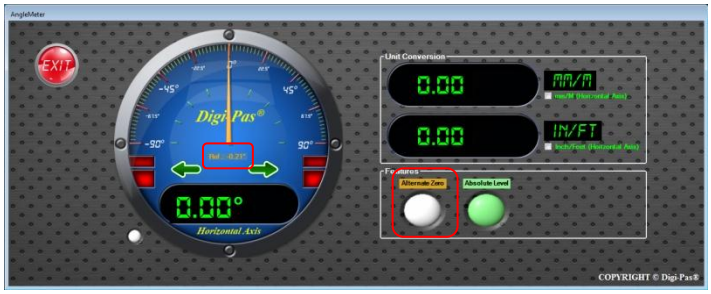
CHAPTER 4: FEATURES INTERFACE AND SETTING

Single Angle Meter

Unit Conversion:

Unit Conversion:
Click the box to start the conversion.

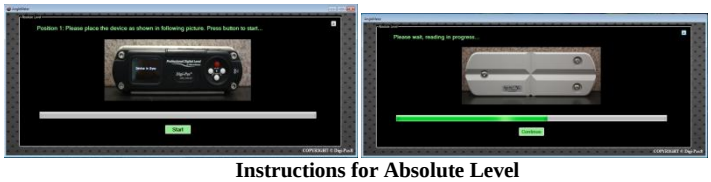
Features:



Alternate Zero

Alternate Zero:
Click the Alternate Zero button to start the feature. Reference angle appears and button blinks once activated.

Note: This feature only apply for software version 6.02 and above.



Instructions for Absolute Level

Absolute Level:
Click the Absolute Level button to start the feature. Follow the instructions shows on the screen. Absolute Level symbol appears and button blinks once activated.

Absolute Level

Note: This feature only apply for software version 6.02 and above.

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Dual Angle Meter

Unit Conversion:

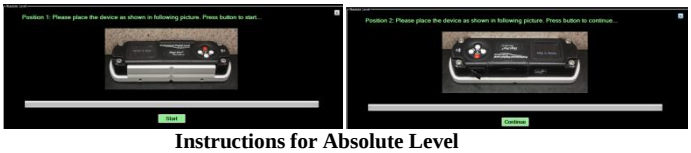
Click the box to start the conversion.

Features:

Alternate Zero

Alternate Zero:
Click the Alternate Zero button to start the feature. Reference angle appears and button blinks once activated.

Note: This feature only apply for software version 6.02 and above.



Instructions for Absolute Level

Absolute Level

Absolute Level:
Click the Absolute Level button to start the feature. Follow the instructions shows on the screen. Absolute Level symbol appears and button blinks once activated.

Note: This feature only apply for software version 6.02 and above.

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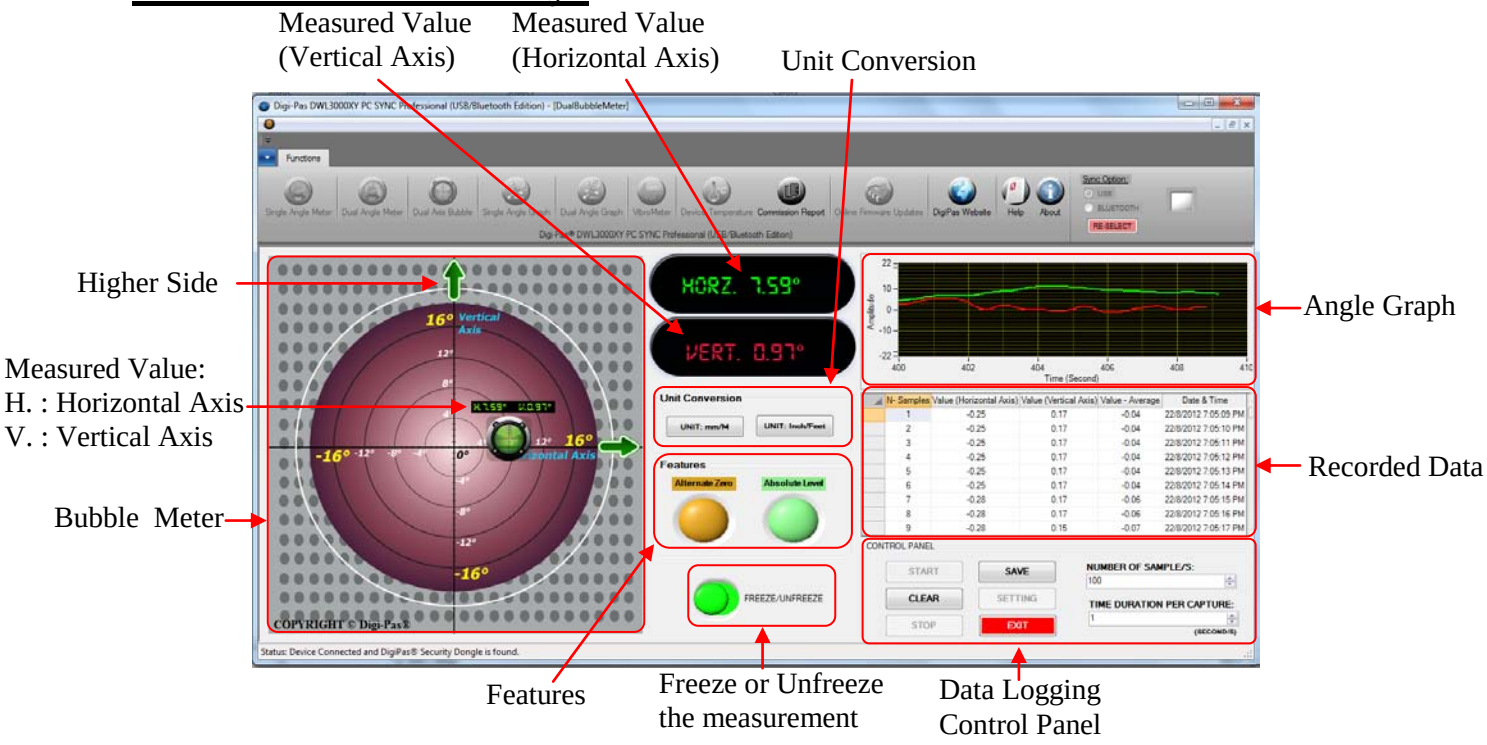
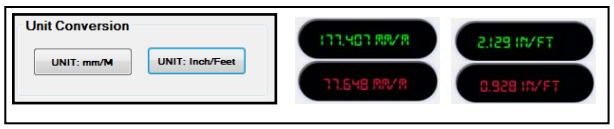
Dual Axis Bull's Eye

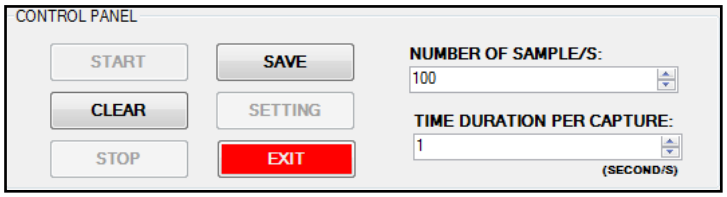


Unit Conversion:



Click the unit conversion button to change to other units (degree, mm/M, In/Ft).

Data Logging Control Panel:



To start data logging, select the number of samples by pressing the up down arrow. Next, select the time duration per capture accordingly. Click START button to initiate data logging. Click STOP button to halt data logging and click CLEAR button to erase or click SAVE button to store the data. The SETTING button can be used to configure the row visibility window of the recorded data. EXIT button is used to quit the Dual Axis Bubble window.

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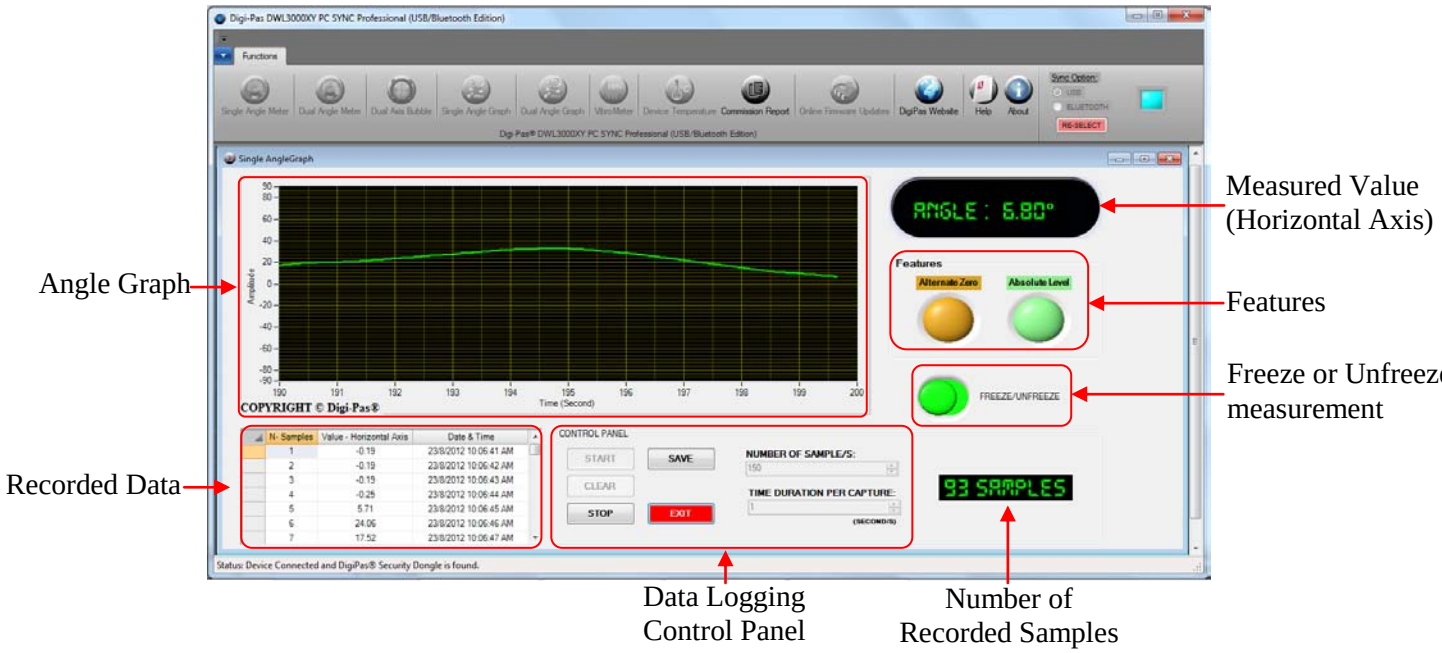
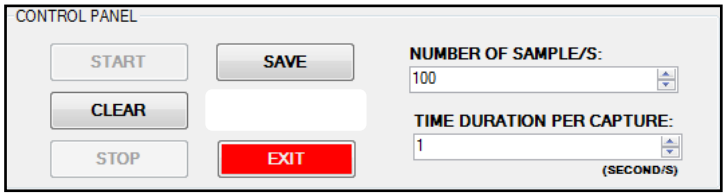
Single Angle Graph

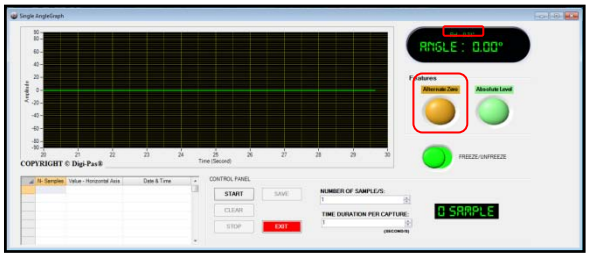


Data Logging Control Panel:



To start the data logging, select the number of samples by pressing the up down arrow. Next, select the time duration per capture according. Click START button to initiate data logging. Click STOP button to halt data logging and click CLEAR button to erase or click SAVE button to store the data. EXIT button is used for quit Single Angle Graph window.

Features:



Alternate Zero:
Click the Alternate Zero button to start the feature. Reference angle appears and button blinks once activated.

Note: This feature only apply for software version 6.02 and above.

Absolute Level:
Click the Absolute Level button to start the feature. Follow the instructions shows on the screen. Absolute Level symbol appears and button blinks once activated.

Note: This feature only apply for software version 6.02 and above.

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